

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Inventors:

Cooper, et al.

Appl. No.: Confirm. No.:

10/678,935 Unknown

Filed:

October 3, 2003

Title:

METHODS AND SYSTEMS FOR

DISCRIMINATIVE KEYFRAME SELECTION

PATENT APPLICATION

Art Unit:

Unassigned

Examiner:

Unassigned

Customer No. 23910

CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8

I hereby certify that the correspondence is being deposited in the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

November 14. **2**003.

(Attorney Signature)

T. Harris, Reg. No. 44,745 Signature Date: November 14, 2003

## INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.56

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

It is requested that the information identified in this statement be considered by the Examiner and made of record in the above-identified application. This statement is not intended to represent that a search has been made or that the information cited in the statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56. If this is a continuation, divisional or continuation-in-part application, it is understood that the Examiner will consider all information which was considered by the Office in a parent application. MPEP §609. Such information therefore is not listed herein unless it is desired that the information be printed on a patent issuing from the subject application.

## Enclosed with this statement are the following:

- Form PTO-1449. The Examiner is requested to initial the form and return it to the undersigned \_\_\_ in accordance with M.P.E.P. §609.
- The present application was filed after June 30, 2003. In accordance with the pre-official gazette \_\_\_ waiver of 37 CFR 1.98 (a)(2)(i) posted at: pac/dapp/opla/ preognotice/idswouscopies.htm, copies of cited U.S. patents are not enclosed. However, copies of cited foreign patent documents and non-patent literature are enclosed in accordance with 37 CFR 1.98(a)(2), as still required.
- PTA Statement under 37 C.F.R. §1.704(d). Each item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in §1.56(c) more than thirty days prior to the filing of the Information Disclosure Statement.

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FXPL-01085US0

This statement should be considered because:

	<u> </u>	37 C.F because	C.R. §1.97(b). This statement qualifies under 37 C.F.R. §1.97, subsection (b) e:
		(1)	It is being filed within three months of the filing date of an application other than a continued prosecution application under § 1.53(d); OR
		(2)	It is being filed within 3 months of entry of a national stage; OR
		(3)	It is being filed before the mailing date of the first Office Action on the merits, OR
		(4)	It is being filed before the mailing date of the first Office Action after the filing of a Request for Continued Examination under 37 C.F.R. §1.114.
	_	37 C.F.	F.R. §1.97(c). Although it may not qualify under subsection (b), this statement es under 37 C.F.R. §1.97, subsection (c) because:
		(1)	It is being filed before the mailing date of a FINAL Office Action, a Notice of Allowance, or an action that otherwise closes prosecution in the subject application, whichever occurs first.  AND (check at least one of the following)
		_	(1) It is accompanied by a STATEMENT as set forth in 37 C.F.R. §1.97(e) OR
	•		(2) It is accompanied by the \$180 fee set forth in 37 C.F.R. §1.17(p).
		37 C.I	F.R. §1.97(d). Although it may not qualify under subsection (b) or (c), this ent qualifies under 37 C.F.R. §1.97, subsection (d) because:
		(1)	It is being filed on or before payment of the Issue Fee; AND
		(2)	It is accompanied by a STATEMENT as set forth in 37 C.F.R. §1.97(e); AND
		(3)	It is accompanied by the \$180 fee set forth in 37 C.F.R. §1.17(p).
✓	Fee Au	erpayme	tion. The Commissioner is hereby authorized to charge any deficiencies or credit ent to Deposit Account No. 06-1325. A duplicate copy of this authorization is
			Respectfully submitted
		,	Respectivity sugarities
	. /,	1/5	
Date:_	<u> </u>	4/0	By
	/	/	Larry T. Harris  Reg. No. 44,745

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Form PTO-1449 (Substitute)

U.S. ARTMENT OF COMMERCE TABLE NT AND TRADEMARK OFFICE Attorney Docket Number FXA3001

Applicant/Patent Owner

Serial/Patent Number 10/678,935

Information Disclosure Statement
BY APPLICANT

(Use several sheets if necessary)

Cooper, et al.

Filing/Issue Date
October 3, 2003

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Group Art Unit Unassigned

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Examiner Initial	Patent Number	Issue Date	First N	Named Inventor	Class	Subclass	Filing Date
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		U.S. PATEI	NI TOBLICA	10115			
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Examiner Initial		Application Number	Filing Date	First Named Inventor	tion to unge?   No
	1.	10/086,817	2/28/02	Jonathan T. Foote	1

		FOREIGN PATE	NT DOCUMENTS				
Examiner Initial	Document Number	Publication Date	Country	Class	Subclass	1	ins- ion No
	OTHER DOCUMENTS (Inclu	de author (if any), title	e, publisher and place of publicat	tion, date and p	ertinent pages	s)	
2. S. Robertson and K. Jones, "Simple, proven approaches to text retrieval," <i>Tech. Rep. TR356, Cambrid University Computer Laboratory</i> , 1997, http://citeseer.nj.nec.com/robertson97simple.html							
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و	9.	S. Uchihashi and J. Foote, "Summarizing Video Using a Shot Importance Measure and a Frame-Packing Algorithm," in <i>Proc. ICASSP '99</i> , Vol. 6, pp. 3041-3044, 1999.				
1	10.	0. M. Christel, et al., "Evolving Video Skims into Useful Multimedia Abstractions," <i>Proc. ACM CHI</i> , pp. 171-8, 1998.				
1	11. Q. Huang, Z. Liu, and A. Rosenberg, "Automated Semantic Structure Reconstruction and Representation Generation for Broadcast News," <i>Proc. SPIE Storage &amp; Retrieval for Still Image and Video Databases</i> , 1994.					
1	<ul> <li>H. Aoki, S. Shimotsuji, and O. Hori, "A Shot Classification Method of Selecting Effective Key-Frame Video Browsing," <i>Proc. ACM Multimedia</i>, 1996.</li> <li>J. Vermaak, P. Perez, M. Gangnet, and A. Blake, "Rapid Summarisation and Browisng of Video Sequence." <i>Proc. British Machine Vision Conference</i>, 2002.</li> </ul>					
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	J. Peltonen, J. Sinkkonen, and S. Kaski, "Discriminative Clustering of Text Documents," <i>Proc. IEEE In Conf. on Neural Information Processing</i> , vol. 4, pages 1956-1960, 2002.					
Exami	iner	Date Considered				
*EXAMI conforma	NER:	Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in d not considered. Include copy of this form with next communication to applicant.				
		ubmitted because it was submitted in prior application SN _/, filed, 20, relied on under 35 USC §120. ubmitted because it was submitted in prior application SN _/, filed, 20, relied on under 35 USC §120.				

## REMARKS

The following Remarks are supplied as part of or in supplement to this *Information Disclosure Statement*.

\*Reference No. 11 (Q. Huang, Z. Liu, and A. Rosenberg, "Automated Semantic Structure Reconstruction and Representation Generation for Broadcast News," *Proc. SPIE Storage & Retrieval for Still Image and Video Databases*), dated January 1999, is believed to be a duplicate copy of Q. Huang, Z. Liu, and A. Rosenberg, "Automated Semantic Structure Reconstruction and Representation Generation for Broadcast News," *Proc. SPIE Storage & Retrieval for Still Image and Video Databases* dated 1994.

However, Applicant is attempting to obtain a copy of the actual 1994 article and if it is not a duplicate, will submit the 1994 article in a subsequent Information Disclosure Statement.

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